

# GSOC 0603

## EMBARKATION



# OVERVIEW

## W

- Definitions
- Embarkation billets
- Embarkation planning
- Packing & Marking
- Shipping priorities
- Amphib ships
- Debarkation
- Field warehouse
- ~~Supply dump~~
- Layout of supplies

# QUESTIONS?



# FEEL THE POWER

# EMBARKATION

**"The process of putting personnel and/or vehicles and their associated stores and equipment into ships and/or aircraft."**

# MOBILIZATION

**Assemble, prepare, or put into operation, as for war or other emergency.**



# QUESTIONS

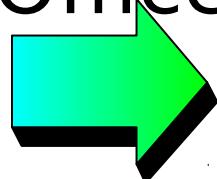
# EMBARKATION OFFICERS

Planning and supervising the loading of ships for amphibious operations are assigned to the landing force organization and naval staff within the **LHD**



# LEVELS

Officer



Landing Force Embarkation

Group Embarkation Officer

Unit Embarkation Officer

Element Embarkation Officer

Team Embarkation Officer

## **LANDING FORCE EMBARK OFFICER DUTIES DURING AMPHIBIOUS OPS**

- Heads up Embark Section on Special Staff
- Determines LF shipping requirements
- Recommends Allocation of Assigned Shipping
- Recommends Scheduling of AFOE to meet LF Tactical & Logistical requirements

# **Group, Unit & Element Embarkation Officer**

## **DUTIES DURING AMPHIBIOUS OPERATIONS**

- Same as LF Embark Officer Plus the following:
- Obtains and Maintains Embark data for Embarkation Unit or Element.
- Prepares **OE & AS** (Organization for Embark & Assignment to Shipping).
- Advise and Assist Subordinate Cmdrs.
- Obtain data on Stevedoring & MHE (**Early**)

# **GROUP, UNIT, & ELEMENT EMBARK OFFICER DUTIES DURING AMPHIBIOUS OPERATIONS**

- Prepares Berthing & Loading Schedule.
  - Published in Embark Plan.
- Schedule & Assign
  - Marshaling Areas
  - Embarkation Areas
  - Cargo Assembly & Vehicle Staging Areas
- Coordinate and Supervise all Loading Activities.
- Serve as Member of TACLOG on CCS/PCS.

# Combat Cargo Officers

- Assigned to Naval Staffs within Amphibious Force.
- 2 Levels of CCO's...Staff and Ship CCO's



# **AMPHIBIOUS TASK FORCE/ PHIBRON STAFF CCO**

- Advises CO of Task Force
  - Allocation of Assault Shipping
  - Staff Supervision of Loading/Unloading
- Complete Knowledge of
  - Type of cargo on each ship
  - Ship's unloading capabilities
- Thoroughly familiar with operations/capabilities of Ports of Embark/Debark

# SHIP CCO'S

## LHA

Elevators



### ● Assignment

- Officer, Qualified in field of Embarkation
- Member of Ship's compliment.
- LHD, LHA, LPD, LSD-49 (CV)
- LSD & LST

### ● Assistants

- Three Assistants on LHD & LHA.
- Member of Ship's compliment.

# **SHIP CCO GENERAL DUTIES**

- Direct representative of C.O. (Special Staff Officer)
- Maintain liaison with Team Embark Officer. (TEO)
- Assist TEO in preparing detailed load plans.
- Coordinate/Supervise execution of load.
- Assist in planning for & executing offload.



**IT'S IMPORTANT FOR SUP O'S TO STAY INVOLVED WITH THE EMBARKATION PROCESS FOR IT IS YOUR SUPPLIES THAT ARE BEING LOADED INTO THE BELLY OF THAT SHIP.**

# Embarkation Planning:

1. Must begin early and continue concurrently with other planning.
2. It requires constant coordination between all naval command levels, and a mutual understanding of the problems of each.
3. It requires detailed knowledge of the characteristics, capabilities, and limitations of ships, and their relationship to troops, supplies and equipment to be embarked.

# QUESTIONS?



*Sleep easy tonight, the Marines are on duty.*

# PACKING

**MILITARY CONCEPT OF ECONOMY IN  
PACKING:**

TO OBTAIN MAXIMUM OUTPUT AT A MINIMUM  
COST



# **DOCUMENTATION**

**1.1348-1/1A SHIPPING /RECEIVING  
DOCUMENT**

**2.DD FORM 1149 REQUISITION  
AND INVOICE/SHIPPING  
DOCUMENT**

**3.NAVFAC 9-11014/20 WORK  
REQUEST (MAINTENANCE  
MANAGEMENT)**

**4.NAVMC 10579 CARE IN STORAGE  
INSPECTION RECORD**

# LEVELS OF PACKING

**LEVEL A - PROTECT GEAR AGAINST  
MOST SEVERE CONDITIONS.**

**LEVEL B - INTERMEDIATE  
PROTECTION, AGAINST KNOWN OR  
UNFAVORABLE CONDITIONS.**

**LEVEL C - MINIMUM DEGREE,  
WHEN  
REQUIREMENT IS MINIMAL.**

# METHODS OF PRESERVATION

METHOD 10 - MECHANICAL OR  
PHYSICAL PROTECTION

METHOD 20 - PRESERVATIVE, GREASE  
WRAP

METHOD 30 - PRESERVATIVE, GREASE  
WRAP, WATERPROOF

METHOD 33 - PRESERVATIVE, GREASE  
WRAP, WATER PROOF, HEAT SEALED

# **SEQUENCE OF PACKING:**

- PACKING REQUIREMENTS
- SELECT THE CONTAINER
- PROTECTIVE BARRIERS

# **SEQUENCE OF PACKING:**

## **(Cont'd)**

- SECURE ITEM IN CONTAINER
- SECURE BARRIER
- CLOSE CONTAINER

# **SEQUENCE OF PACKING:**

## **(Cont'd)**

- REINFORCE CONTAINER
- MARK THE CONTAINER



# QUESTIONS

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# MARKED CONTAINER

**NSN**

**NOMENCLATURE**

**QUANTITY**

**PP&P/CL M-10 12/00**

**WEIGHT / CUBE**

**PART SERIAL NUMBER**

**DOCUMENT NUMBER**  
**RUC (ROUTE UNIT CODE)**  
**PRIORITY**

# MARKINGS

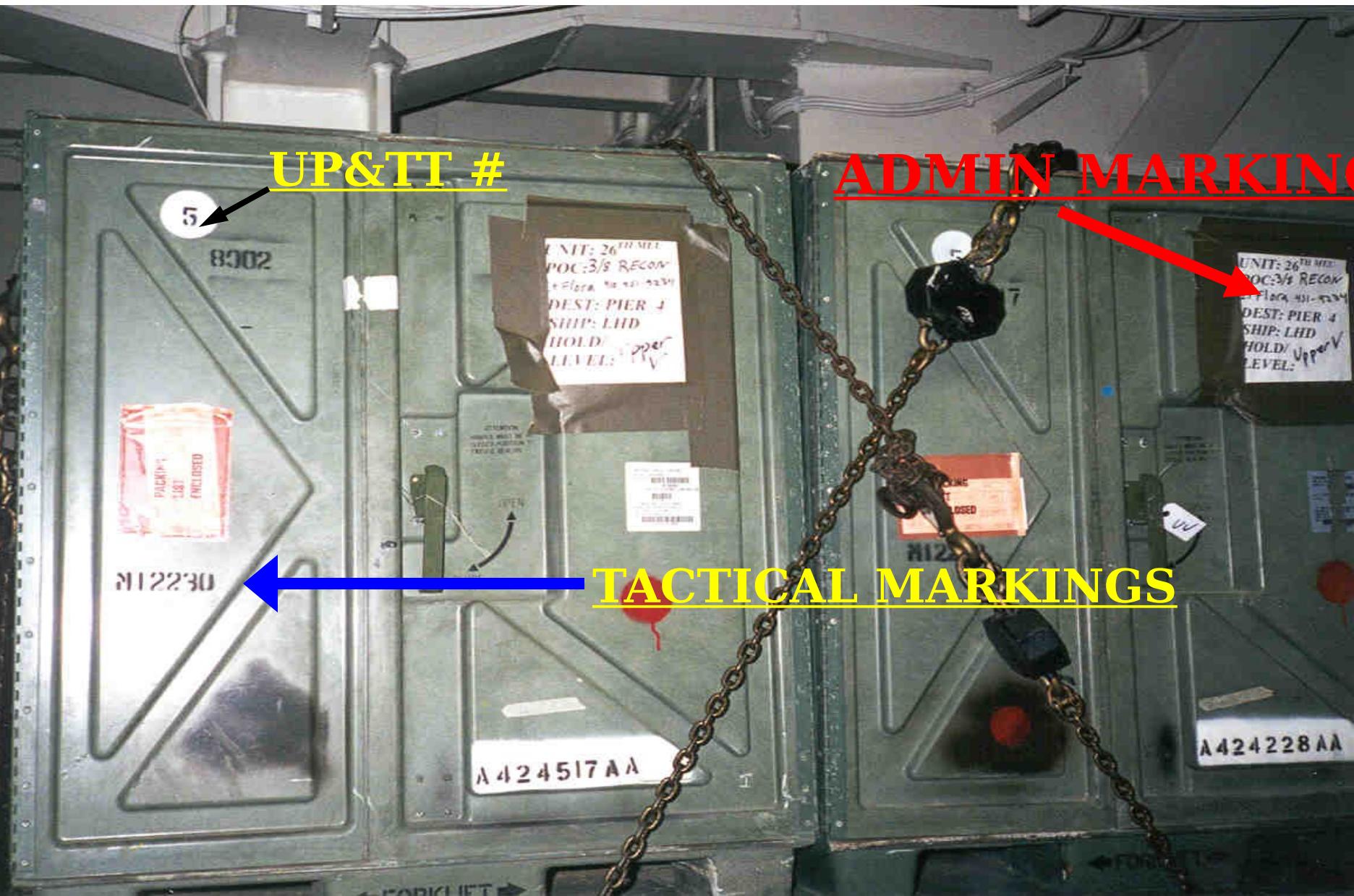
Identifies containers belonging to the unit and assists in loading.



REFERENCE: LFM 03 PAGE 5-

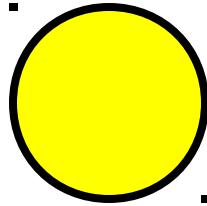
# **TACTICAL MARKINGS**

CENTERED ON THE TOP, AND AT LEAST ON ONE SIDE AND ONE END OF EACH CONTAINER.....

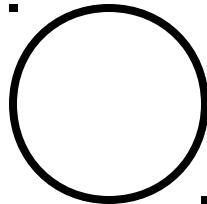


# **STOWAGE DESIGNATORS**

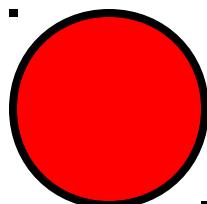
**YELLOW DISK**: ACCESSABLE DURING VOYAGE



**WHITE DISK**: SAME SHIP AS UNIT, BUT NOT  
NECESSARY TO BE ACCESSABLE



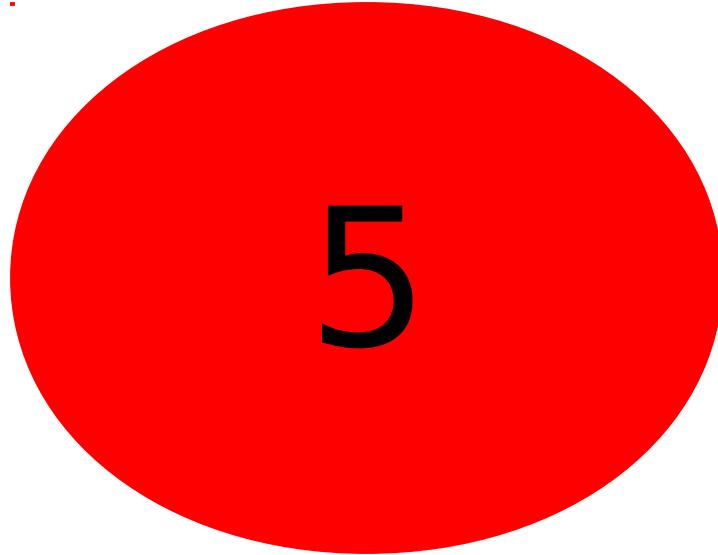
**RED DISK**: NOT NECESSARY TO BE ON SAME  
SHIP AS UNIT



**REFERENCE: LFM 03 PAGE 5-**

# **UNIT PERSONNEL AND TONNAGE TABLE (UP&TT) LINE NUMBER:**

**MUST BE ENTERED IN THE MIDDLE OF THE  
STOWAGE DESIGNATOR.....**



**5**

# **NUMBER ASSIGNED TO BOX OR CONTAINER:**

CONSECUTIVE NUMBER GIVEN WHEN ITEMS  
ARE MANIFESTED..... OR

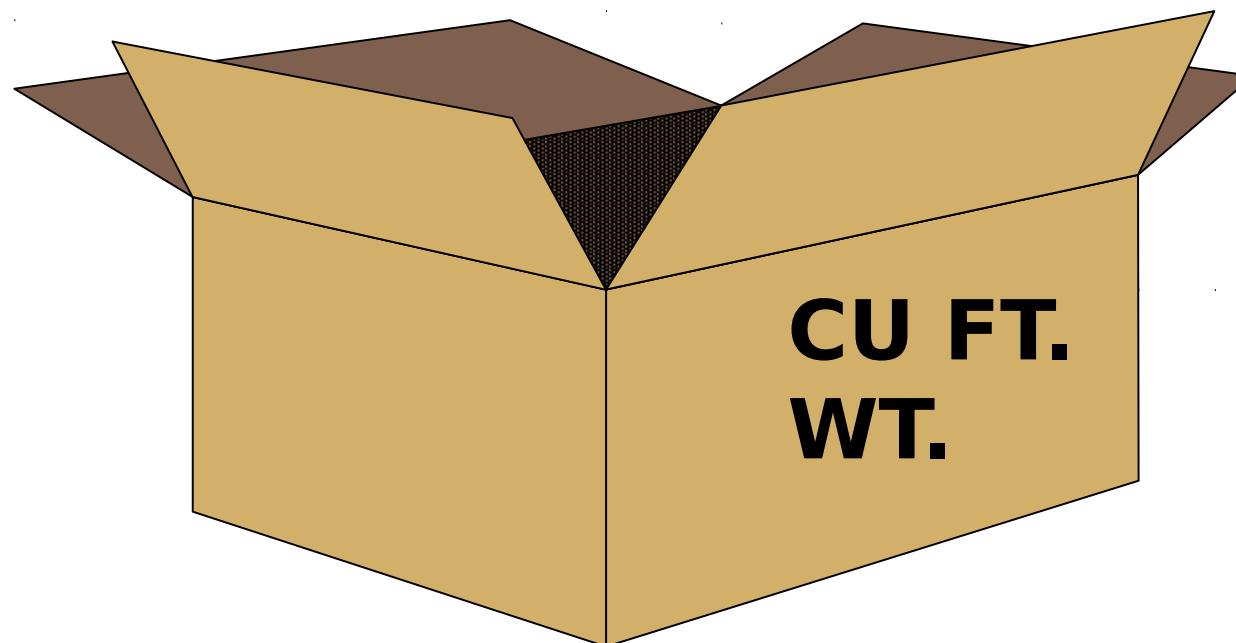
LOCATION NUMBER (5TH THROUGH 8TH DIGITS)

**LOCAL SOP WILL DICTATE  
WHICH  
SYSTEM WILL BE USED.....**

# **CUBIC FEET AND WEIGHT**

PLACED ON EACH CONTAINER.....

**$L \times W \times H \text{ (IN FEET)} =$   
CUBE**



# **ADMINISTRATIVE MARKINGS**

**MAY BE REQUIRED BY LOCAL SOP:**

**PROVIDES:**

- **SOURCE**
- **CONTENT**
- **DESTINATIO**  
**N**

# **SECURITY**

MAY BE REQUIRED FOR CLASSIFIED MATERIAL

CLASSIFIED

# SHIPPING PRIORITIES

<b>PRIORITY</b>	<b>TIME</b>	<b>TRANSPORTATION</b>
<b>PRIORITY</b>		

<b>01,02/9999</b>	<b>4 HOURS</b>
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<b>TP - 0</b>
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<b>02 - 04</b>	<b>1 DAY</b>
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<b>TP - 1</b>
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<b>05 - 09</b>	<b>2 DAYS</b>
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<b>TP - 2</b>
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<b>10 - 19</b>	<b>7 DAYS</b>
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<b>TP - 3</b>
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<b>CIS</b>	<b>31 DAYS</b>
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# QUESTIONS?



*Sleep easy tonight, the Marines are on duty.*

# Amphibious Ships

- LCC - Amphibious Command Ship
- LSD - Dock Landing Ship
- LPD - Amphibious Transport Dock
- LHA - Amphibious Assault Ship (General Purpose)
- LHD - Amphibious Assault Ship (Multipurpose)

LCC



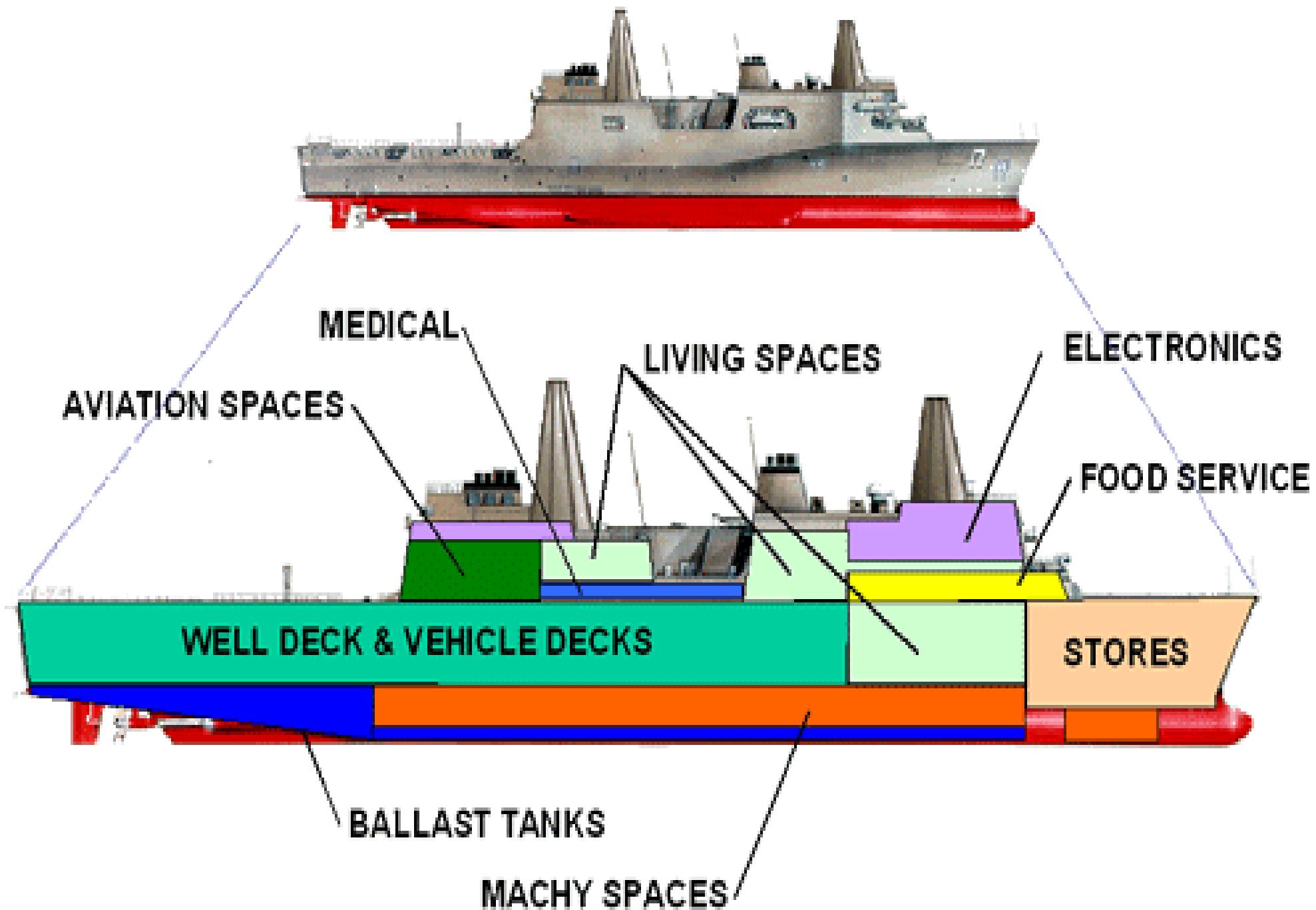
# LSD 41 Class



LPD



# LPD17, SAN ANTONIO CLASS



LHA

Elevator



LHD

Elevator

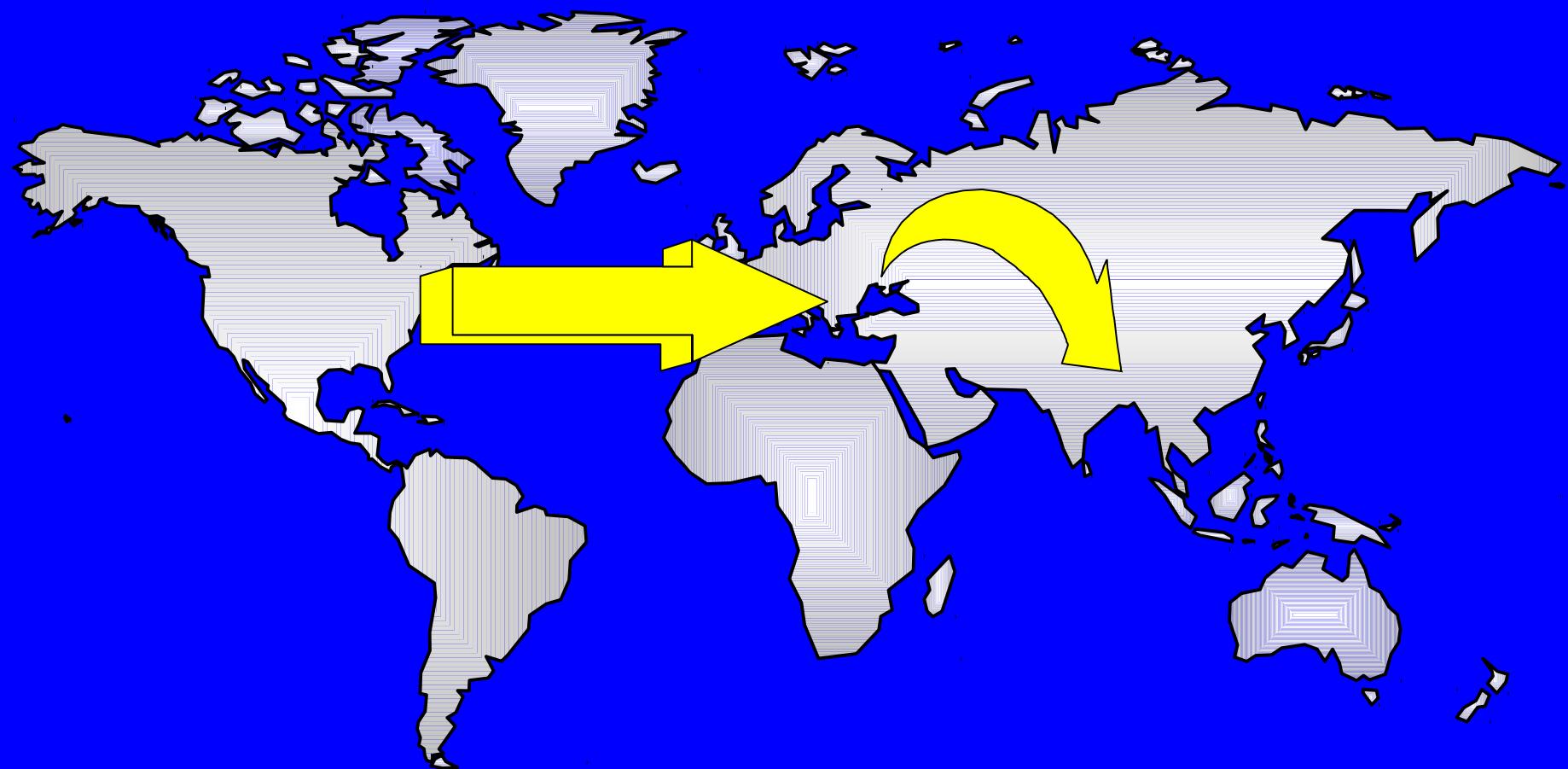


# QUESTIONS?



# FEEL THE POWER

# What happens once we get there?

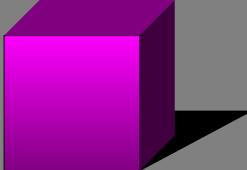


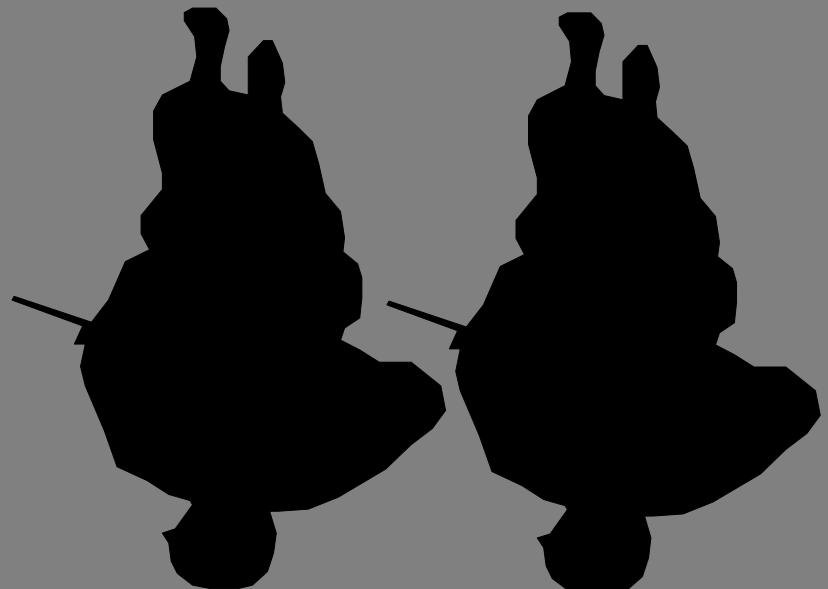
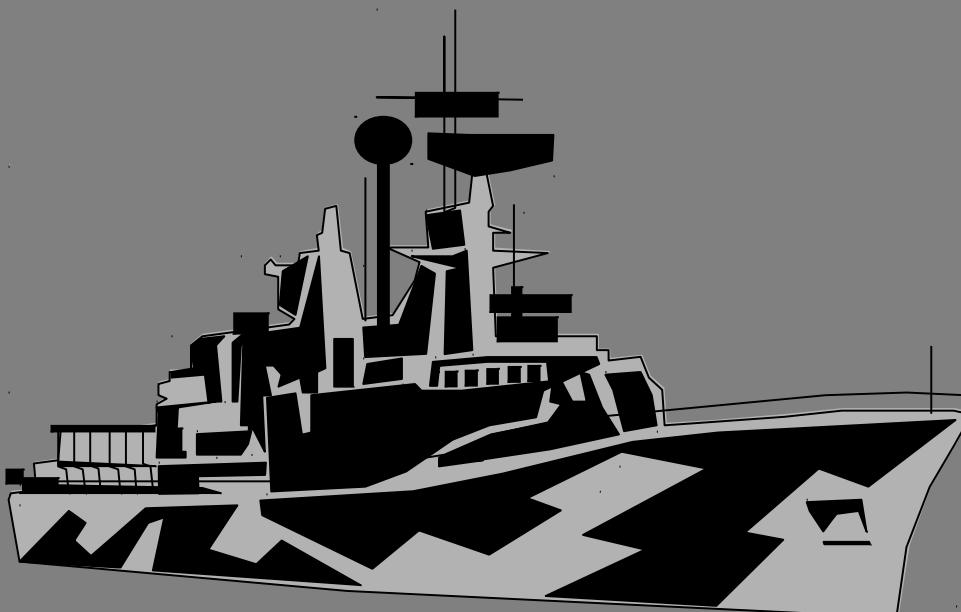
DEBARKATION...FOLLOW  
MEH



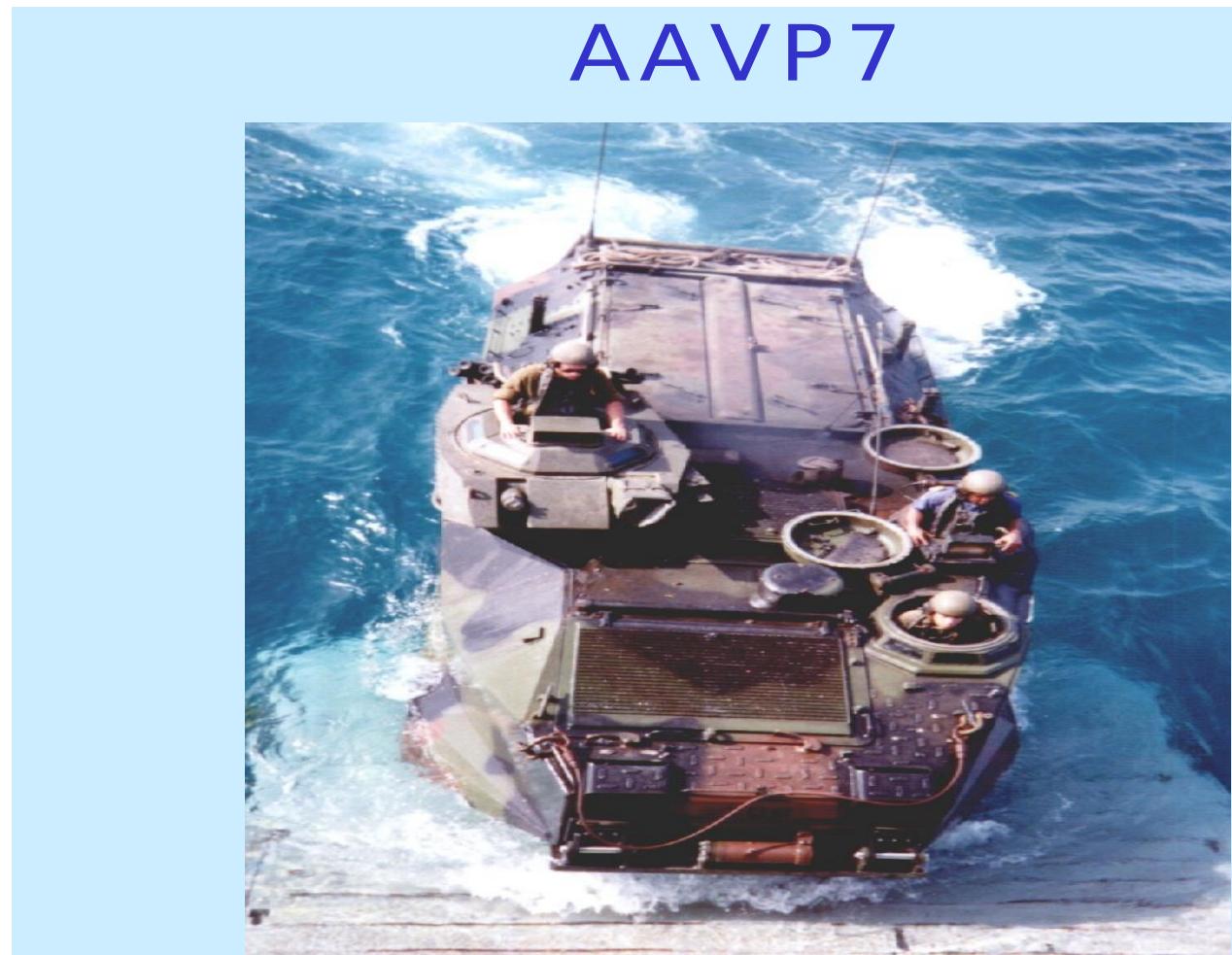
LCU Offloading

# DEBARKATION

 The commanding officer of each ship is responsible for the unloading of troops and cargo once reaching the objective.



- Assault Echelon
- Assault Follow-on Echelon
- Follow-up

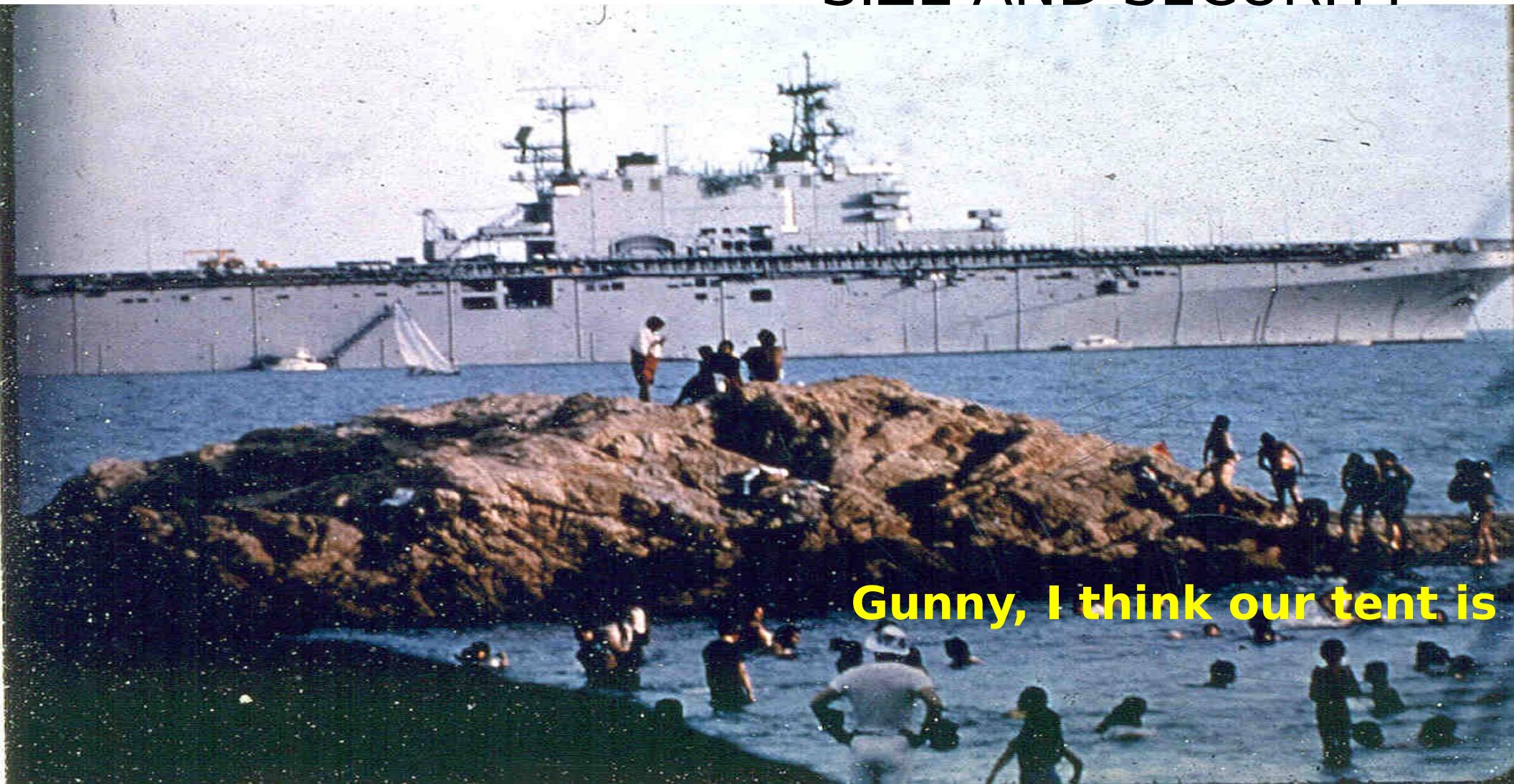


# **UNLOADING PLAN**

- Unloading priorities
- List of ships personnel
- Special Instructions
- Types of cargo
- Special equipment required

# FIELD WAREHOUSE AREA

- TERRAIN....COVER
- ACCESS ROADS
- FIRE PROTECTION
- SIZE AND SECURITY



**Gunny, I think our tent is**

# SUPPLY DUMP LAYOUTS

## CH 53



# **TYPES**

**TWO TYPES OF SUPPLY DUMP LAYOUTS**  
**ARE:**

- **ROADSIDE DUMP**
- **DEPTH-STORAGE DUMP**

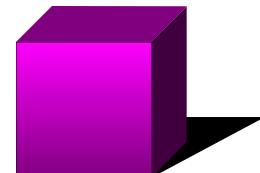
**REFERENCE: MCO P4450.7 PAGE 3-6 AND**  
**3-7**

# QUESTIONS?



# FEEL THE POWER

# PROTECTION OF SUPPLIES



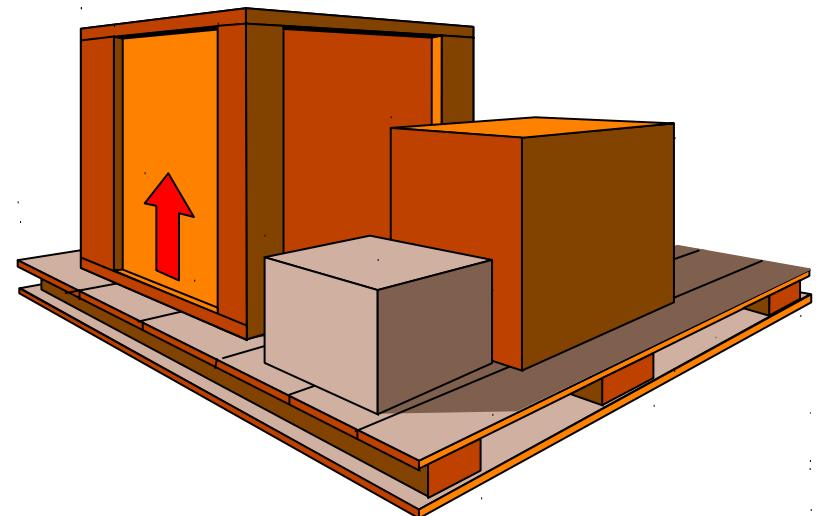
Essential not only for mission accomplishment, but for safety of

**Gunny, Are you sure we  
need this much coffee  
for 2 weeks??**



# PRINCIPLES

- ADEQUATE SHELTER
- DUNNAGE
- VENTILATION



# QUESTIONS

# **SUMMARY**

- Definitions**
- Embarkation billets**
- Embarkation planning**
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- Shipping priorities**
- Amphib ships**
- Debarkation**
- Field warehouse**
- ~~**Supply dump**~~
- ~~**Layout of supplies**~~

# Break Time...

